

WHAT IS CLAIMED:

Sub
B11

1. A garment having at least one opening for a body part, the garment comprising:
at least one material defining the opening and extending away from the opening; and
a fluid sealing gasket integral with the material and in the vicinity of the opening;
the material including at least one high tension zone defining the fluid sealing gasket, and at least one low tension zone away from the gasket;
wherein the fluid sealing gasket interfaces with the body part during use to resist fluid transfer across the gasket.

2. The garment of Claim 1 wherein the material comprises a targeted elastic laminate including the low and high tension zones;
the low tension zone including a plurality of elastomeric first filaments;
the high tension zone including a plurality of elastomeric second filaments;
the laminate further including a first facing layer bonded to at least a first side of the low tension zone and a first side of the high tension zone.

3. The garment of Claim 1 wherein the material further comprises a targeted elastic laminate including low and high stretch zones.

S 45 B12

4. The garment of Claim 2, wherein the elastomeric first and second filaments have different average filament sizes.

5. The garment of Claim 2, wherein the elastomeric first and second filaments have different filament densities.

6. The garment of Claim 2, further comprising a second facing layer bonded to a second side of the low tension zone and a second side of the high tension zone.

7. The garment of Claim 2, further comprising a barrier layer between the first facing layer and the elastomeric first filaments.

8. The garment of Claim 2, further comprising a barrier layer between at least two of the elastomeric first filaments.

9. The garment of Claim 1, wherein the opening comprises a neck opening.

10. The garment of Claim 1, wherein the opening comprises a wrist opening.

11. The garment of Claim 1, wherein the opening comprises an arm opening.

12. The garment of Claim 1, wherein the opening comprises a waist opening.

13. The garment of Claim 1, wherein the opening comprises a leg opening.

14. The garment of Claim 1, wherein the opening comprises an ankle opening.

15. The garment of Claim 1, comprising a diaper.

16. The garment of Claim 1, comprising a training pant.

17. The garment of Claim 1, comprising a feminine hygiene article.

18. The garment of Claim 1, comprising swim wear.

19. The garment of Claim 1, comprising an absorbent underpant.

20. The garment of Claim 1, comprising a medical gown.

21. The garment of Claim 1, comprising a medical cap.

22. The garment of Claim 1, comprising a medical glove.

23. The garment of Claim 1, comprising a medical drape.

24. The garment of Claim 1, comprising a medical face mask.

Sub 13

25. A garment having at least one opening for a body part, the garment comprising:

at least one material defining the opening and extending away from the opening; and

a fluid sealing gasket integral with the material and in the vicinity of the opening;

the material including at least one low stretch zone defining the fluid sealing gasket, and at least one high stretch zone away from the gasket;

wherein the fluid sealing gasket interfaces with the body part during use to resist fluid transfer across the gasket.

26. The garment of Claim 25 wherein the material comprises a targeted elastic laminate including the low and high stretch zones;

the high stretch zone including a plurality of elastomeric first filaments;

the low stretch zone including a plurality of elastomeric second filaments;

the laminate further including a first facing layer bonded to at least a first side of the low stretch zone and a first side of the high stretch zone.

27. The garment of Claim 26, further comprising a second facing layer bonded to a second side of the low stretch zone and a second side of the high stretch zone.

28. The garment of Claim 26, further comprising a barrier layer between the first facing layer and the elastomeric first filaments.

29. A pant-like garment comprising:
a chassis defining a waist opening and two leg openings;
a fluid sealing gasket on the chassis and in the vicinity of at least one of the openings; and

a targeted elastic material in at least a portion of the chassis, the targeted elastic material including at least one high tension zone defining the fluid sealing gasket, and at least one low tension zone spaced apart from and inward from the high tension zone.

30. The pant-like garment of Claim 29, further comprising a leg flap at least partially surrounding a leg opening, the leg flap including the targeted elastic material.

31. The pant-like garment of Claim 30, wherein the leg flap comprises targeted elastic material attached to a portion of the chassis.

32. The pant-like garment of Claim 30, wherein the leg flap comprises targeted elastic material integral with at least a portion of the chassis.

33. The pant-like garment of Claim 29, further comprising a waist dam at least partially surrounding the waist opening, the waist dam including the targeted elastic material.

34. The pant-like garment of Claim 33, wherein the waist dam comprises targeted elastic material attached to a portion of the chassis.

35. The pant-like garment of Claim 33, wherein the waist dam comprises targeted elastic material integral with at least a portion of the chassis.

36. The pant-like garment of Claim 29 wherein the targeted elastic material comprises a targeted elastic laminate including the low and high tension zones;

the low tension zone including a plurality of elastomeric first filaments;

the high tension zone including a plurality of elastomeric second filaments;

the laminate further including a facing layer bonded to a first side of the low tension zone and a first side of the high tension zone, and a second facing layer bonded to a second side of the low tension zone and a second side of the high tension zone.

37. The pant-like garment of Claim 36, wherein the low tension zone further comprises a barrier layer.

38. The laminate of Claim 37, wherein the barrier layer is present in both the low and high tension zones.

39. The pant-like garment of Claim 37, wherein the barrier layer is bonded between elastomeric first filaments.

40. The pant-like garment of Claim 37, wherein the barrier layer is bonded between the second facing layer and the second side of the low tension zone.

41. The pant-like garment of Claim 36, wherein the low tension zone has a first basis weight and the high tension zone has a second basis weight higher than the first basis weight.

42. The pant-like garment of Claim 36, wherein the elastomeric first filaments and the elastomeric second filaments comprise different polymer compositions.

43. The pant-like garment of Claim 36, wherein the first filaments and the second filaments each comprise a base polymer selected from the group consisting of styrene-isoprene-styrene block copolymers, styrene-butadiene-styrene block copolymers, styrene-ethylene/butylene-styrene block copolymers, styrene-ethylene-propylene-styrene block copolymers, polyurethanes, elastomeric polyamides, elastomeric polyesters, elastomeric polyolefin homopolymers and copolymers, atactic polypropylenes, ethylene vinyl acetate copolymers, single-site or metallocene catalyzed polyolefins having a density less than about 0.89 grams/cc, and combinations thereof.

44. A pant-like garment comprising:

a chassis defining a waist opening and two leg openings;

a fluid sealing gasket on the chassis and in the vicinity of at least one of the openings; and

a targeted elastic material in at least a portion of the chassis, the targeted elastic material including at least one low stretch zone defining the fluid sealing gasket, and at least one high stretch zone spaced apart from and inward from the low stretch zone.

45. The pant-like garment of Claim 44, further comprising a leg flap at least partially surrounding a leg opening, the leg flap including the targeted elastic material.

46. The pant-like garment of Claim 44, further comprising a waist dam at least partially surrounding the waist opening, the waist dam including the targeted elastic material.

47. A method of producing a garment having a gasketed opening for a body part, comprising the steps of:

extruding a plurality of elastomeric first filaments from a plurality of spinning capillaries in at least one first spin plate region of a die;

extruding a plurality of elastomeric second filaments from a plurality of spinning capillaries in at least one second spin plate region of a die;

spacing the first filaments apart from the second filaments; and

joining the first and second filaments to a facing layer.

48. The method of Claim 47, wherein the first and second filaments are spaced apart at a distance of at least 0.1 cm.

49. The method of Claim 47, wherein the first and second filaments are spaced apart at a distance of at least 1.0 cm.

50. The method of Claim 47, wherein the first and second filaments are spaced apart at a distance of at least 2.0 cm.

51. The method of Claim 47, wherein the first and second filaments are spaced apart at a distance of at least 3.0 cm.

52. The method of Claim 47, wherein the first spin plate region and the second spin plate region are in the same die.

53. The method of Claim 47, wherein the first spin plate region and the second spin plate region are in separate dies.

54. The method of Claim 47, wherein the first filaments are stretched before being joined to the facing layer.

55. The method of Claim 47, wherein the first and second filaments are stretched before being joined to the facing layer.

56. The method of Claim 47, further comprising the step of consolidating the first and second filaments with a second layer.

57. The method of Claim 47, further comprising the step of inserting a barrier layer between the first filaments and the facing layer.

58. The method of Claim 47, further comprising the step of inserting a barrier layer between at least two of the first filaments.

58. The method of Claim 47, further comprising the step of inserting a barrier layer between at least two of the first filaments.